



MI-CW2521

Michigan Crop Weather

June 21, 2021

Field Crops

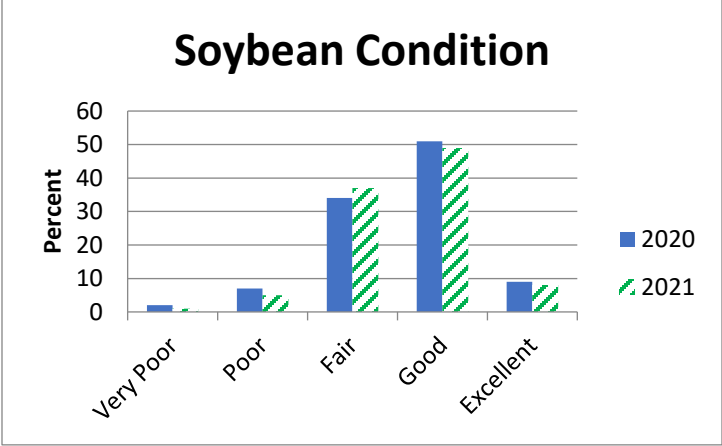
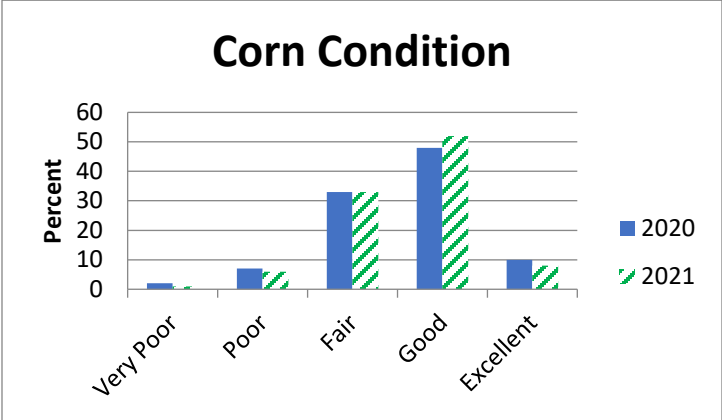
Over 30 percent of the State remained in severe drought condition, according to Marlo Johnson, Director of the Great Lakes Regional Office of the National Agricultural Statistics Service. There were 5.3 days suitable for fieldwork in Michigan during the week ending June 20, 2021. The vast majority of the driest counties were concentrated in the South-Central Lower Peninsula. Some areas received much needed rainfall, but overall conditions remained dry. **Winter wheat** condition improved with 63 percent of the crop rated in good to excellent condition. **Corn** and **soybean** conditions were holding strong considering the lack of moisture in most areas. First cuttings of **hay** and **alfalfa** continued as weather allowed. Lack of moisture has impacted yield in the driest areas. Other activities included pesticide applications and crop scouting.

Fruit

Seasonal temperatures returned last week and the cooler weather helped to mitigate drought conditions as evapotranspiration rates were reduced. Regardless, the State remains in a drought and additional rain was needed. Fruit producers were irrigating where available. **Peaches** were hand thinned in the Southwest and in the Grand Rapids area. Pits were not quite hardened. Tarnished plant bugs were feeding on fruit. **Tart cherries** in the Southwest and in the Grand Rapids area were coloring. Ethephon was applied in some blocks. Tarts in the Northwest did not increase in size last week. **Apples** in the Southwest were over 30 mm. Growers focused on hand thinning varieties that initiated bud set first. Codling moth catches continued to be significant. Apples in the Northwest were 23 mm so the window for thinning applications passed. Growers that did not achieve adequate chemical thinning will hand thin there in a few weeks. Apples in the Grand Rapids area ranged in size from 30 mm for later ripening varieties to 1.5 inches for early ripening varieties. **Blueberries** in the Southwest were looking better now that fruit has begun to size. Shoot growth was good.

Vegetables

Continued pest presence throughout the State had producers applying pesticides whenever practical. Among the crops most heavily impacted by insect activity were **celery**, **potatoes**, and **sweet corn**. **Tomatoes** were being harvested in greenhouses and setting in fields. Meanwhile, field plantings of **peppers** were setting buds and flowering. Some fields reported poor germination of root crops like **carrots**, **beets**, and **turnips**. In the West Central region, **asparagus** field shutdown was beginning, with harvesting of some fields to commence soon afterwards. Fungal presence was detected in several **onion** fields throughout the region.



Crop Condition: Week Ending 06/20/21					
Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn.....	1	6	33	52	8
Soybeans	1	5	37	49	8
Winter Wheat	1	5	31	52	11
Barley	5	33	37	24	1
Oats	6	17	26	49	2
Sugarbeets	3	7	20	54	16
Range and Pasture	6	19	41	32	2

Crop Progress: Week Ending 06/20/21				
Crop/Activity	Percent Completed			
	This week	Last week	Last year	5 Year average
Days Suitable for Fieldwork..	5.3	5.8	-	-
Corn Emerged	100	97	91	86
Soybeans Emerged	98	95	91	79
Winter Wheat Headed	95	93	79	85
Winter Wheat Mature	3	1	0	N/A
Barley Headed	23	14	N/A	N/A
Dry Edible Beans Planted	94	79	59	63
Dry Edible Beans Emerged ...	69	29	32	N/A
Alfalfa Hay 1st Cutting	88	72	67	65
Alfalfa Hay 2nd Cutting	2	N/A	N/A	N/A
Other Hay 1st Cutting	75	43	43	44
Other Hay 2nd Cutting	1	N/A	N/A	N/A
Oats Headed	37	24	12	24

Soil Moisture: Week Ending 06/20/21				
Item	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture.....	13	35	51	1
Subsoil moisture	19	43	37	1

Weather Summary For Michigan												
Week Ending 2021-06-20								Since April 1				
Temperature								Precipitation			GDD Base 50	
High	Low	Avg	DFN	Total	Days	Total	DFN	Days	Total	DFN	Total	DFN
Upper Peninsula												
HANCOCK HOUGHTON COUNTY AP	84	43	61	1	0.76	1		6.45	0.42	27	467	169
IRONWOOD	83	43	63	1	0.03	2		5.27	-2.81	29	529	139
CHATHAM EXPERIMENT FARM 2	84	39	61	0	0.36	2		5.85	-1.30	41	529	193
PICKFORD 3NE	81	34	58	-5	0.00	0		2.82	-4.33	19	169	-173
Northwest LP												
BEULAH 7SSW	85	47	66	1	0.49	3		5.43	-3.14	30	706	210
BOYNE FALLS	88	39	67	1	0.39	2		5.10	-2.29	22	774	191
FRANKFORT 2NE	82	50	66	2	0.44	1		4.95	-2.90	22	639	196
TRAVERSE CITY CHERRY CAPITAL AP	91	45	66	1	0.37	3		5.02	-2.34	30	744	271
WELLSTON 1N	86	39	63	-2	0.60	3		5.73	-2.85	33	614	83
Northeast LP												
ALPENA COUNTY REGIONAL AP	89	41	64	2	0.12	2		5.95	-0.81	26	556	161
GAYLORD 9SSW	84	45	63	0	0.08	3		4.70	-3.60	33	617	203
GLENNIE 2SE	85	40	63	-1	0.07	2		4.42	-5.06	18	530	133
HALE LOUD DAM	87	43	64	0	0.23	2		4.53	-3.03	21	630	188
ONAWAY 4N	89	49	67	2	0.12	2		5.07	-2.07	29	565	67
West Central LP												
MUSKEGON COUNTY AP	84	45	68	1	1.27	2		5.43	-2.49	27	773	166
Central LP												
GLADWIN	87	46	66	0	0.40	4		5.97	-2.65	25	687	144
MIDLAND	83	48	67	-1	0.81	4		4.26	-4.50	24	782	135
East Central LP												
BAD AXE	83	46	65	0	0.11	2		3.50	-4.53	32	704	181
SAGINAW #3	84	50	68	-1	0.54	5		5.54	-3.25	35	802	158
SAGINAW MBS INTL AP	84	50	68	0	0.83	4		4.12	-4.13	27	822	187
VASSAR	84	42	66	0	0.51	5		4.00	-4.89	30	705	155
Southwest LP												
BENTON HARBOR	87	42	68	-2	1.15	3		3.72	-5.53	22	815	87
GRAND RAPIDS GERALD R FORD INTL AP	85	50	69	0	1.47	4		5.77	-4.11	24	825	107
HOLLAND TULIP CITY AP	85	47	68	-1	1.43	3		5.49	-3.84	21	813	89
South Central LP												
COLDWATER ST SCHOOL	84	48	68	-1	3.68	5		8.83	-1.14	25	763	81
HASTINGS	85	46	67	0	1.25	4		4.42	-5.40	27	730	120
JACKSON REYNOLDS FIELD	86	44	68	0	2.07	4		6.62	-1.48	31	800	125
LANSING CAPITAL CITY AP	86	47	69	0	0.69	4		3.85	-4.89	30	815	142
THREE RIVERS	86	49	69	-1	1.06	3		5.86	-3.91	24	803	61
Southeast LP												
ANN ARBOR U OF MICH	86	41	67	-2	0.64	4		7.45	-1.67	35	794	37
CHELSEA	85	45	67	-1	0.70	2		6.51	-1.71	33	780	120
FARMINGTON	84	48	66	-1	0.72	3		7.15	-1.19	27	729	97
MANCHESTER	86	47	68	0	0.97	3		6.38	-2.78	29	778	124
PORT HURON	87	54	69	2	0.54	3		3.65	-4.59	25	817	214

Note:

Summary based on NOAA Regional Climate Centers (RCCs) data. Climate normals used are for the 1981-2010 period. Precipitation (rain or melted snow/ice) in inches. Air temperature in degrees Fahrenheit.